

AIR NATIONAL GUARD

MILITARY TECHNICIAN VACANCY

HUMAN RESOURCES OFFICE
NEW MEXICO NATIONAL GUARD
47 BATAAN BOULEVARD
SANTA FE, NEW MEXICO 87508-4695
PHONE: 505-474-1556 DSN: 867-8556
FAX COMMERCIAL: 505-474-1544 FAX DSN: 867-8544

ANNOUNCEMENT NUMBER: T-04-2008

CLOSING DATE: 19 February 2004

POSITION TITLE, SERIES, AND GRADES

SALARY RANGE

Aircraft Electrician	WG-2892-11	\$19.97 - \$23.33 per hour
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Aircraft Electrician	WG-2892-08	\$16.34 - \$19.06 per hour
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For a complete listing of current vacancy announcements, please visit our website:
<https://www.nm.ngb.army.mil>

AREA OF CONSIDERATION: All members of the New Mexico Air National Guard.

APPOINTMENT FACTORS: Excepted Federal Service – **Enlisted**.

POSITION LOCATION: Electro Environmental Shop, Component Repair Branch, Aircraft Maintenance Division, New Mexico Air National Guard, Kirtland Air Force Base, New Mexico.

OPENING DATE: 27 January 2004.

DATE VACANCY EXISTS: Currently exists.

POSITION NUMBERS: 80437000, 80437000A.

POSITION POTENTIAL: The top grade of this position is WG-11. This position is also being advertised at the WG-08 level to provide additional applicant competition. Upon meeting all legal and regulatory requirements, and upon recommendation of the supervisor, an individual selected at the WG-08 level may be promoted to the target grade of WG-11 without further competition.

APPOINTMENT REQUIREMENTS: Excepted Civil Service. Individual selected must be assigned to an enlisted position in the New Mexico Air National Guard. Individual must wear the uniform as prescribed by National Guard Bureau policies and the Adjutant General of New Mexico.

ACTIVE GUARD RESERVE (AGR) ANNOUNCEMENT: This position is also being advertised as Vacancy Announcement M-04-2008 AIR/AGR for presently employed AGR personnel who wish consideration with retention of AGR status.

RE-PROMOTION STATEMENT: New Mexico Air National Guard technicians who were previously downgraded from a grade equal to, or higher than that advertised at the target grade in this announcement, and who are still receiving pay retention benefits from that downgrade, may be considered for this position as an exception to competition. Technicians who desire re-promotion consideration must send a letter to the Human Resources Office, prior to the closing date of this announcement, requesting consideration for re-promotion.

PERMANENT CHANGE OF STATION (PCS) BENEFITS: PCS benefits are not authorized.

LOWEST PAY GRADE ACCEPTED: Applicants must indicate on their application the lowest pay or grade that will be accepted.

EQUAL OPPORTUNITY: The New Mexico National Guard is an Equal Opportunity Employer. Selection for a position will be made without regard to race, religion, national origin, sex, political affiliation, marital status, membership or non-membership in an employee organization, non-disqualifying physical handicap, age (except military requirement for excepted technicians) or any other non-merit factor. Under Public Law 90-486, veterans' preference is not applicable.

REASONABLE ACCOMMODATION: This agency provides reasonable accommodation to applicants with disabilities where appropriate. If you need a reasonable accommodation for any part of the application and hiring process, please notify the agency. Determination for reasonable accommodation will be made on a case-by-case basis.

INSTRUCTIONS FOR APPLYING: Individuals who think that they meet the basic qualification requirements may apply. Application will be made by resume, Optional Form 612, Standard Form 171, or in any other written format. Permanent presently employed technicians of the New Mexico National Guard may submit AGONM Form 300. Although the federal government does not require a standard application form for most jobs, we do need certain information to evaluate your qualifications and determine if you meet legal requirements for federal employment. If your application does not provide all the information requested in the job vacancy announcement, you may lose consideration for a job. Applications will be accepted only if they are received in the Human Resources Office by close of business on the closing date of the vacancy announcement; received postmarked (or other common carrier receipt mark) on or before the closing date of the vacancy announcement; or delivered to the Human Resources Office representative during her/his regularly scheduled Thursday trip to the New Mexico Air National Guard Headquarters Building. Assurance of a legible postmark or other carrier receipt mark is the responsibility of the applicant. It is a violation of 18 USC 1719 to use government postage to send applications and violators may be subject to disciplinary action and fine as prescribed by law. Applications submitted by facsimile equipment (FAX) will be accepted for consideration. The New Mexico National Guard is not responsible for monitoring the quality or completeness of the FAX.

EVALUATION METHOD: All applicants will be initially screened against mandatory qualifications. If more than ten applicants are qualified, applicants will be evaluated on the basis of relevant experience, training and education, awards, and performance appraisals to determine the ten best qualified. Rating and ranking to determine best qualified will be conducted by a panel of representative who have technical expertise in the career field of the position being filled and a staff representative of the Human Resources Office. The evaluation will be based on the knowledge, skills, and abilities (KSAs) considered necessary for successful performance in the position.

MILITARY COMPATIBILITY: Individual selected must be assigned, prior to appointment, to a compatible Duty Air Force Specialty Code of: 2A6X6.

BASIC QUALIFICATION REQUIREMENTS: The basic qualification requirements are indicated below. These qualification requirements must be met, in addition to any military requirements, in order to be found qualified for and selected to this position.

GENERAL EXPERIENCE: Experience, education or training which has provided a knowledge and skill in locating and tying in the electrical systems with the aircraft armament, electronics, and instrument systems, adjusting and calibrating the components of the various electrical systems. Ability to read and interpret blueprints, wiring diagrams, and schematics.

SPECIALIZED EXPERIENCE:

WG-11: Must have eighteen months' experience that has demonstrated the following knowledge, skills, and abilities:

1. Knowledge of the integration of electronically controlled electrical and environmental systems with the avionics systems of the applicable aircraft, and a general system knowledge of the hydraulic, fuel, Jet Fuel Starter, egress and engine control systems and requires the ability to use precision test equipment to accomplish this.
2. Knowledge of electrical and electronic theory, principles, formulas, advanced mathematics, fluid mechanics and dynamics. Requires the ability to apply this knowledge to the specific requirements of the integrated system on their weapon system.
3. Ability to interpret complex drawings, specifications, and schematics of complete systems to recognize the function and interconnections of the various assemblies and troubleshoot the system from the schematic, following signal paths through a complex path of interconnections of components, assemblies, subassemblies, and cable harnesses.
4. Knowledge of electronics, a variety of precision test equipment, self-test procedures and technical data containing schematic diagrams, test procedures, and program information, to identify and isolate malfunctions.
5. Ability to diagnose and determine needed repairs for malfunctions in electrically and electronically controlled systems such as the electrical/environmental systems, and digital anti-skid system, where knowledge of the entire system is necessary to interpret error data and trace back through a number of units of the system to locate the discrepancy.

WG-08: Must have twelve months' experience that has demonstrated the following knowledge, skills, and abilities:

1. Knowledge of and skill in repairing, inspecting, and overhauling aircraft electrical/environmental systems.
2. Ability to discover simple malfunctions where source of trouble is found by appearance, sound, or response.
3. Ability to use common hand tools and electrical measuring and shop equipment.
4. Ability to follow the complex circuit diagrams.

EDUCATION SUBSTITUTION: Military education, related to the position, may be substituted for specialized experience on a day-for-day basis for qualification at the WG-08 and WG-05 levels. Certificates/diplomas must be submitted with application for award of credit. Civilian education, above the high school level, may be substituted for specialized experience on a case-by-case basis. Transcripts or equivalent must be submitted for award of credit.

QUALITY AND TYPE OF EXPERIENCE: The required amount of experience/education will not in itself be accepted as proof of qualification. The quality, type and scope of the experience/education must be of such nature as to demonstrate that applicants are fully qualified to perform the duties at the level for which they apply.

DOCUMENTATION: Applicants must explain in detail, in the application, how the specialized experience was acquired, including applicable dates. Applicants should include, with application, any training completion certificates/transcripts in the areas covered in the KSAs.

SUMMARY OF DUTIES: Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/antiskid system, maintenance annunciation panel system of the integrated main generator, standby generator, emergency generator, flight control power, AC/DC power distribution and sub-systems integrated into the electronic/electrical and environmental systems. Interprets analog and digital operational and output characteristics and results from the Maintenance Annunciation Panel, onboard computers, aircrew debriefings and specialized test equipment. The electrical system includes the electrical power generation and distribution system, the fire detection and extinguishing system, the ice and rain protection system, the landing gear system, the interior and exterior lighting system, the oxygen generation and distribution system, and the auxiliary power system. The environmental system includes compression, distribution, pressurization, heating, cooling, temperature control, moisture/air contamination control, and liquid cooling requirements.